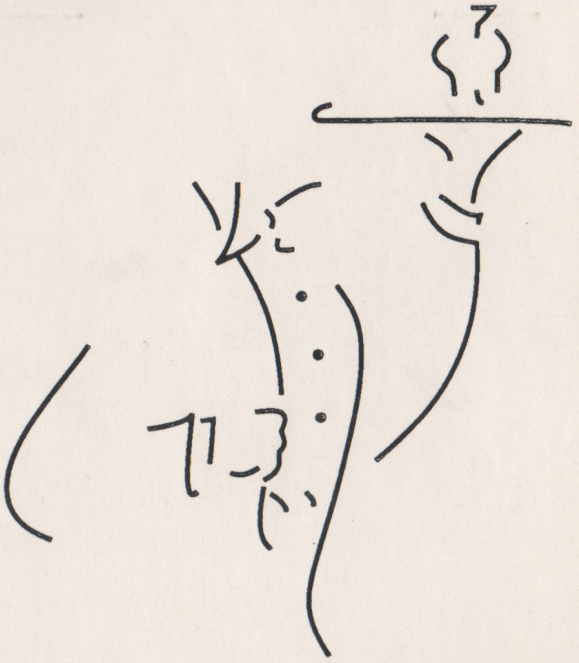
MACLAN Connect®
Remote ADMIN

Supplement ver1.1



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Version 1.1m revised 5/90

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Miramar Systems User Guide

MACLAN Remote Administration

This guide explains how to use the file server remote administration program in concert with your MACLAN Connect file server.

What You Need to Know

To use this guide, you need to be familiar with basic Macintosh vocabulary and skills. If opening files and using folders are not familiar tasks, please review your Macintosh owner's guide before proceeding.

This guide assumes that you have a MACLAN Connect Server set up and that your Macintosh Computers are properly connected to it. This guide additionally assumes you have read, and are familiar with the MACLAN Connect User manual, especially the section on MLCONFIG set up and use.

What is Remote Administration?

This program allows specified users to administer and manage one or several MACLAN Connect file servers from a Macintosh work station. Managing users, groups, volumes, file extensions, and file definitions across multiple AppleTalk zones may be performed concurrent with server operation.

Note: Remote Admin ONLY functions on MACLAN Connect file servers which are version 1.1 or later.

Installation

1. Before installing the MACLAN Administration program onto your Macintosh it is recommended that you make a backup of the disk, then store the original in a safe place before proceeding.

2. Place the newly created back up disk in your Macintosh disk drive. Open the folder and "drag" the Admin executable program onto any volume. You may install Admin on either a local hard disk, floppy disk, or any network volume.

Set Up

To access Remote Administration a user must be pre-defined to have "Admin" privileges.

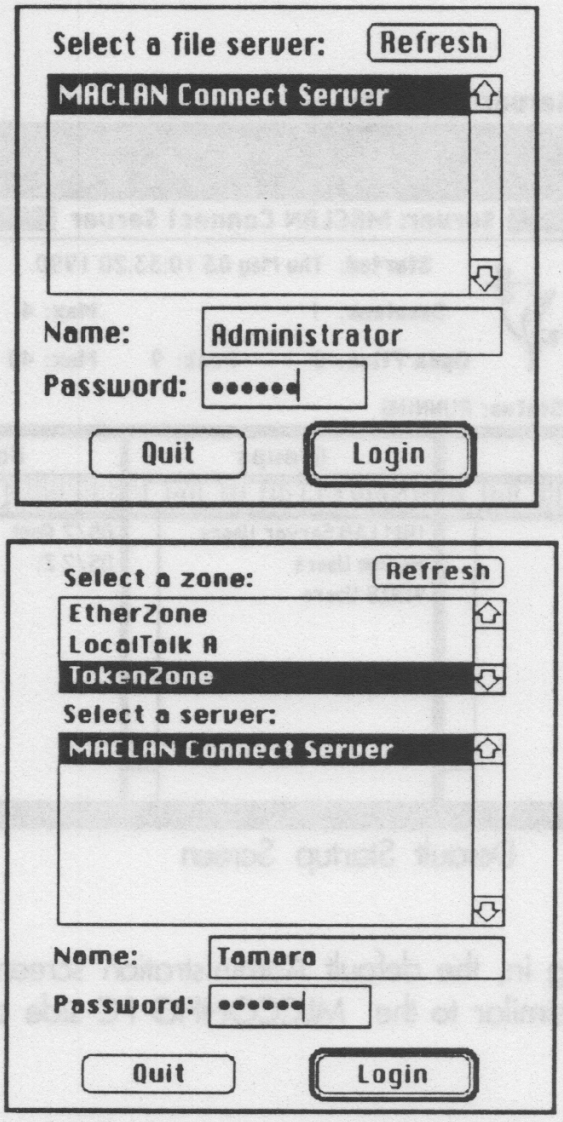
1. Run MLCONFIG on the PC Server
2. From the USER Pulldown Menu select the *Add/Edit a User* function.
3. Create/Alter a User whom you wish to become a Network Administrator.
4. Select the ADMIN option box by typing an *X* into it. Now save using the (F10 Key).

Once one user is given Admin privileges that user may grant additional users similar rights through the Remote Admin program.

Admin Login

To access the Remote Admin program locate the icon and double-click on it. Upon startup the MACLAN Admin copyright window will appear. Depressing any key or the mouse button will remove it from the screen and place you in the login screen.

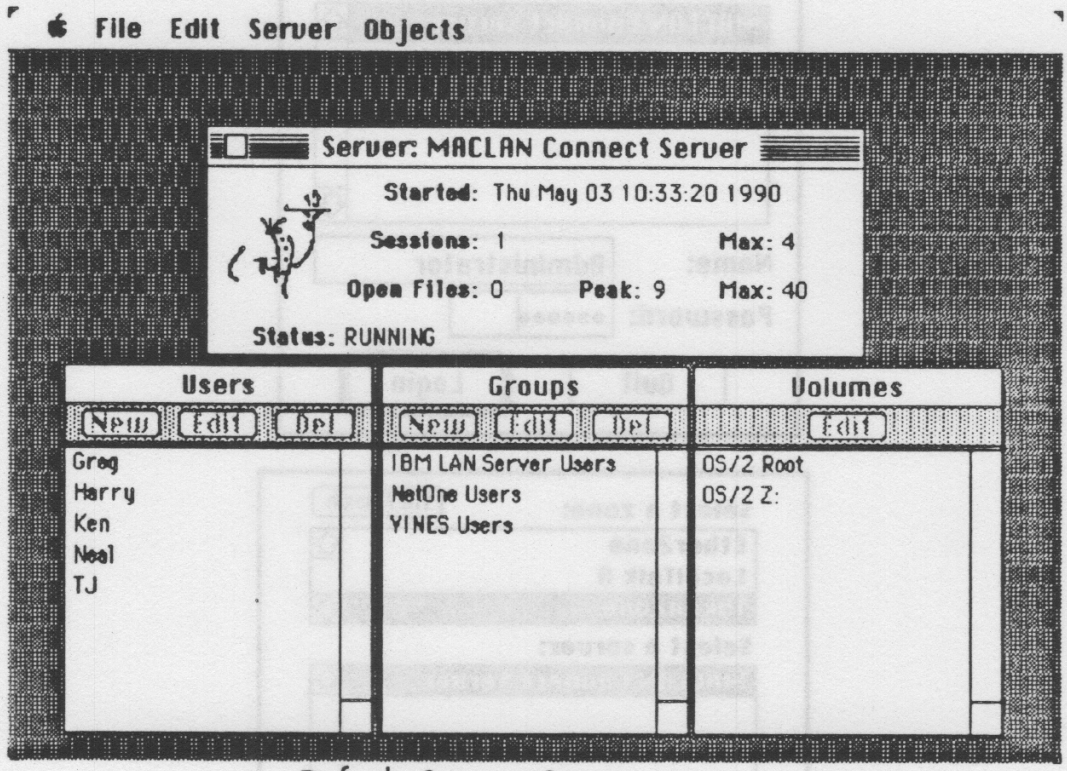
Note: Administrators do not need to be logged into a MACLAN server prior to using the Remote Admin package. Remote Admin has a separate Login procedure.



AppleTalk Phase 2 - Zone Login Screen

1. Remote Admin requires you to login to the server you intend to administer even if you have already logged in through Chooser. You will be presented a list of all available servers.

If your LAN has multiple zones click on the desired zone and a list of file servers will appear in the server dialogue



Default Startup Screen

After logging in, the default Administration screen will appear. It looks very similar to the MLCCONFIG PC side display.

Menu Overview

Menu Selection Options are labeled across the top bar of each dialogue box. Selecting the appropriate menu option steps you into the Action Screen where you may perform the task(s) desired. Each dialogue box contains objects (users, groups, volumes, etc.) defined for the particular server you are administering.

The User, Group, File Definition, and File Extension boxes permit three options:

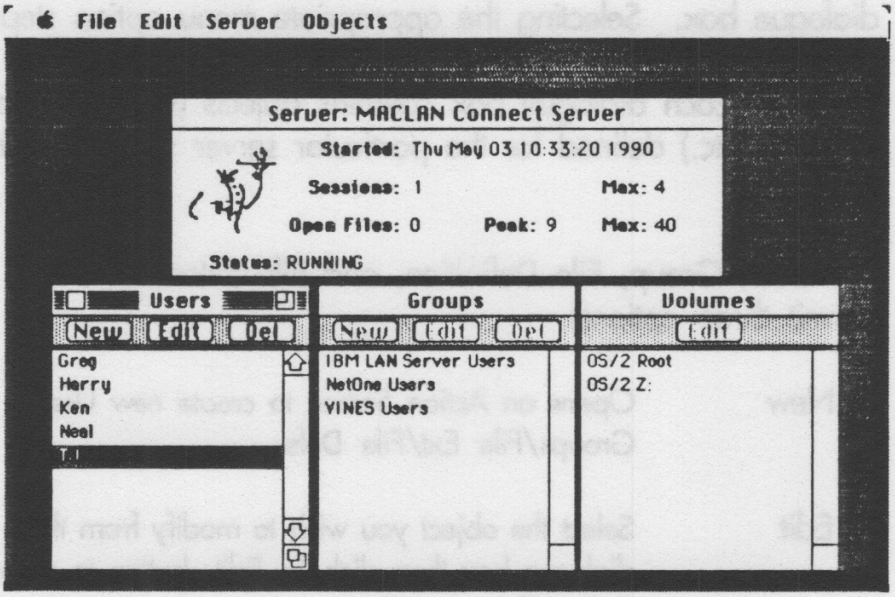
1. New — Opens an Action Screen to create new Users/Groups/File Ext/File Defs.

2. Edit — Select the object you wish to modify from the dialogue box then click the Edit button to access the Action Screen options.

3. Del — Select the object you wish to delete/remove from the dialogue box then click the "Del" option.

Remember that an object must have been saved before you can add items to the object's list. For example, you must first save a new Group before you can add members to it. The "Add" button will not be enabled unless the object is previously saved. To remove one or more items from a list you may use the Shift key and mouse to highlight one or more items (users,

USERS



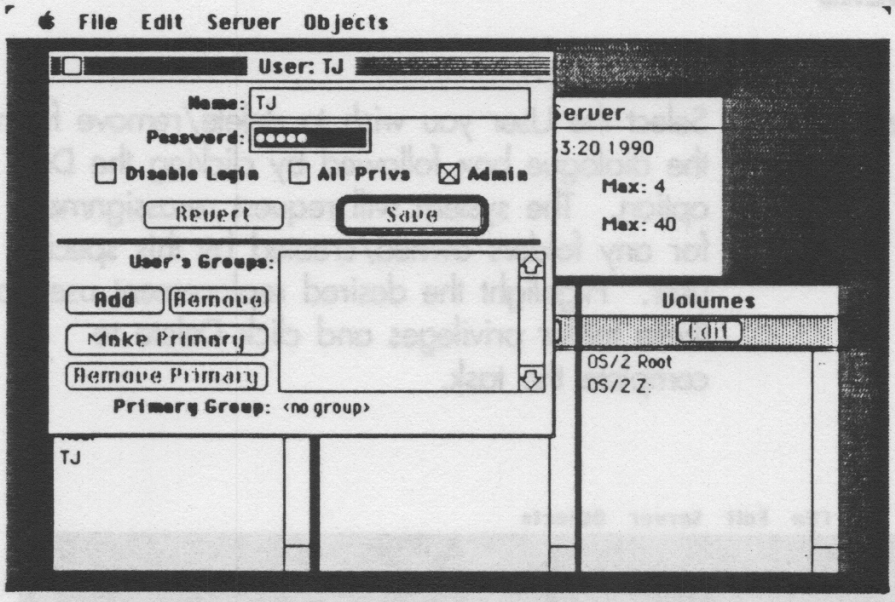
1. New

To add a new user select the button marked NEW to access the Action Screen. A blank dialogue box will appear displaying the available parameters for setting up a new user. Here you may define names, encrypted passwords, login privileges, and group membership. To save your additions click on the SAVE button, then exit by closing the box.

2. Edit

Prior to modifying a User profile, you must first select the appropriate users by pointing with the mouse and clicking once to highlight the name. A double click will bring you right to the Edit

USERS



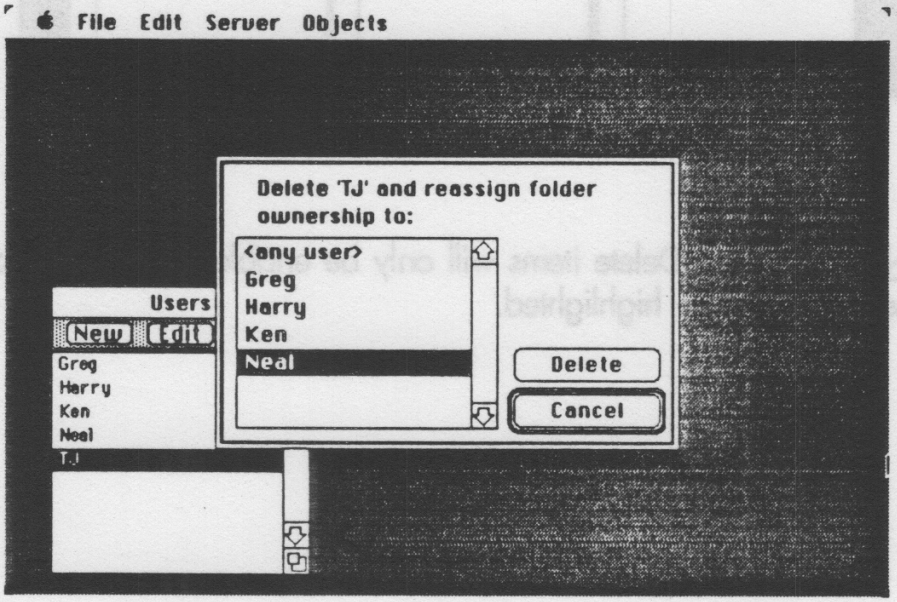
User Action Screen

Note: Edit and Delete items will only be enabled if one or more users have been highlighted.

USERS

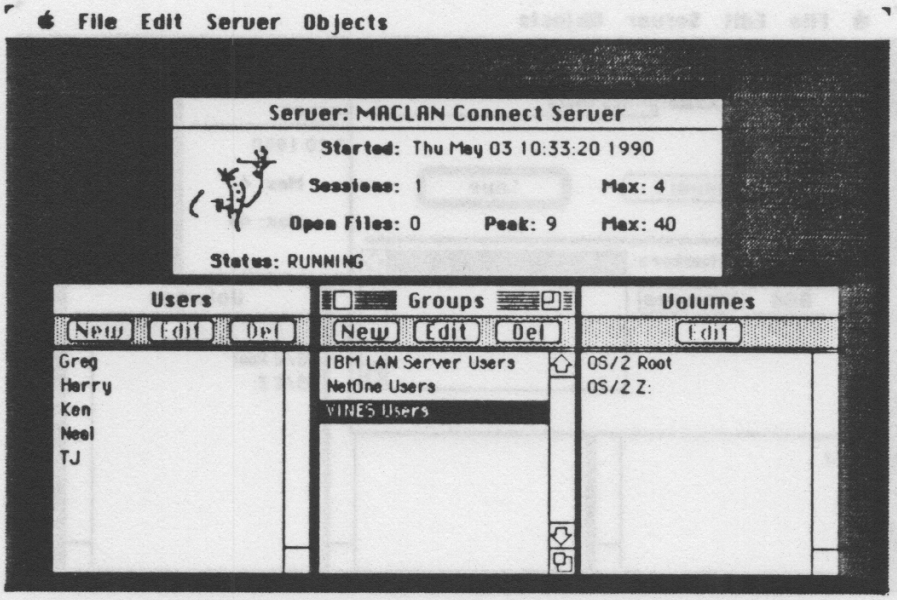
3. Del

Select the User you wish to delete/remove from the dialogue box followed by clicking the Del option. The system will request re-assignment for any folders owned/created by this specific user. Highlight the desired replacement user for these folder privileges and click Delete to complete the task.



User Delete Action Screen

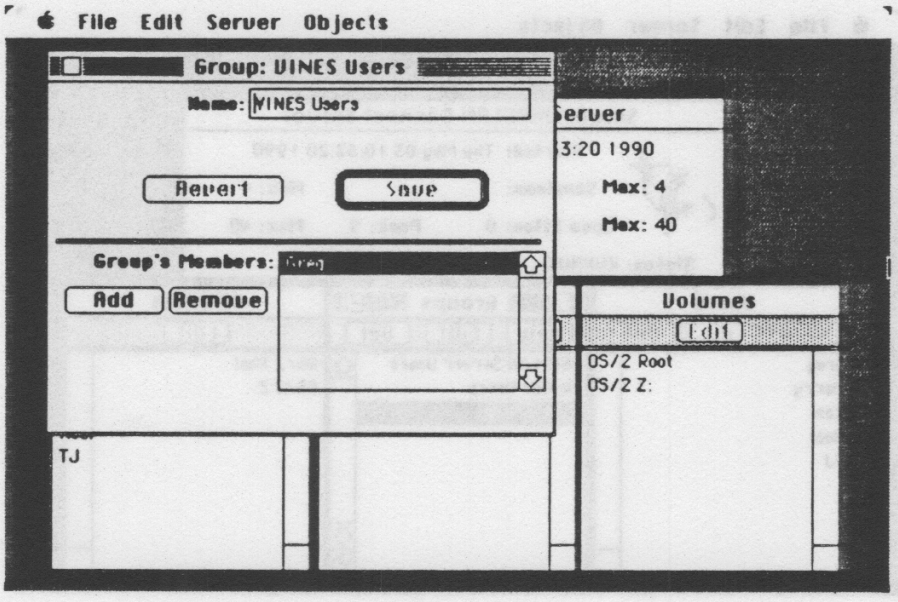
GROUPS



1. New — To add a new group select the button marked NEW to access the Action Screen. A blank dialogue box will appear displaying the available parameters for setting up a new group. Here you may define group names, and group membership. To save your additions click on the SAVE button, then exit by closing the box.

2. Edit — Prior to modiifying a Group profile, you must first select the appropriate group by pointing with the mouse and clicking once to highlight the name. A double click will bring you right to the Edit Action Screen where you may effect the desired changes. To save the changes click the SAVE button, then exit by closing the box.

GROUPS



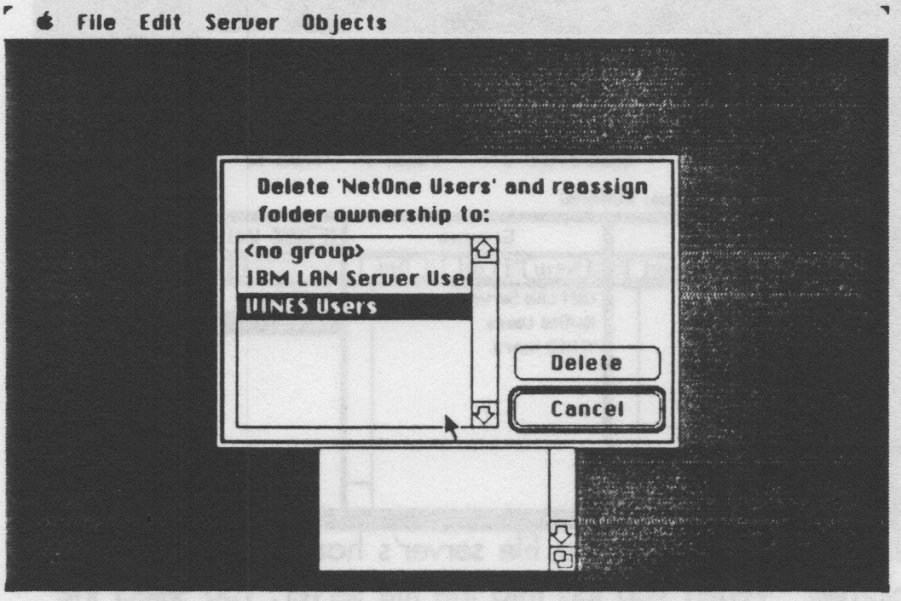
Group Action Screen

3. Del

Select the Group you wish to delete/remove from the dialogue box followed by clicking the Del option. The system will request re-assignment for any folders owned/created by this specific group. Highlight the desired replacement group for these folder privileges and click Delete to complete the task.

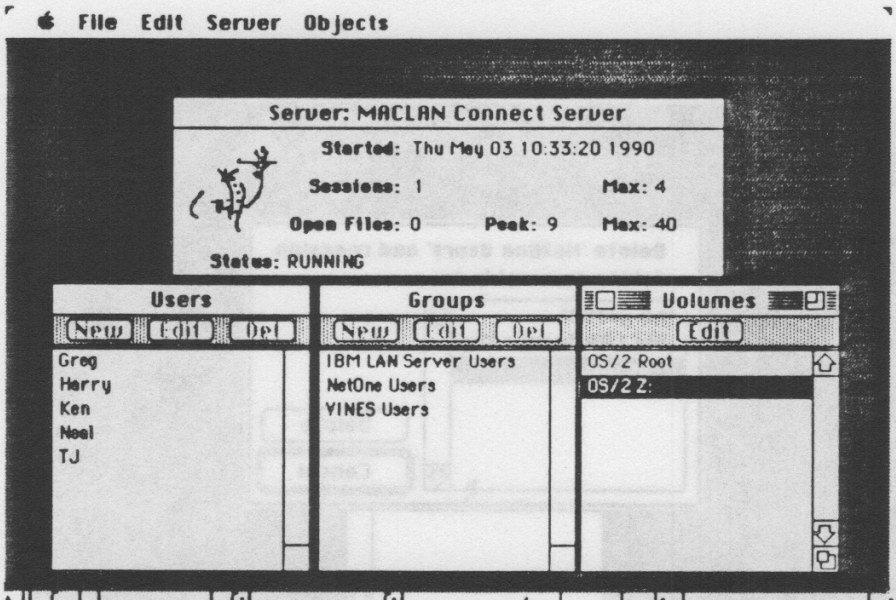
Note: Edit and Delete options are only enabled if one or more groups have been highlighted

GROUPS



Group Delete Action Screen

Volumes



All folders and files on a file server's hard disks are stored in volumes. When you log into the file server, you select the volumes you need. For each volume you access, a volume icon appears on the desktop. Whenever you access your network folders, you will be working within one or more of the network's volumes.

A user can only EDIT a volume under three conditions:

1. The user is the volume's owner
2. The volume's owner is defined as <Any User>
3. The user is defined to have "All Privileges" or SuperUser

Volumes

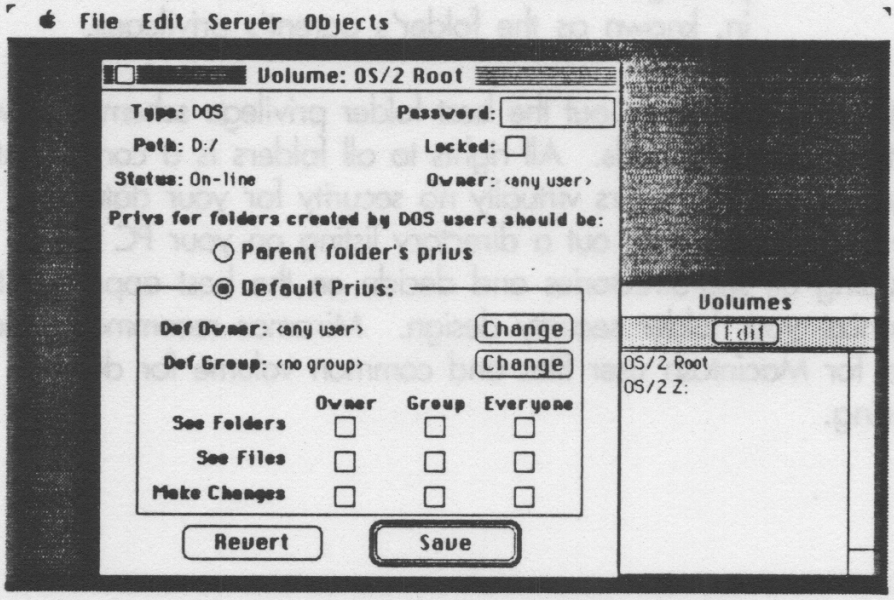
The options for Volume management through Remote Administration are:

1. *Password:* Password protect a Volume

2. *Default Privileges:* When selected you can define privileges for all new Folders/subdirectories created from DOS within the selected volume.

3. *Parent Folder's Privileges:* These are defined on the server under the MLCONFIG program and determine a Volumes owner. This option allows you to view and not edit this information.

4. *Locked* (or read only) status: Invokes DOS Read Only privileges on the entire Volume



Volumes

Note: Volumes are very dependent on the PC based Server machine itself; on its configuration; on any network connections it may have; interruption of service for current volume users; and several other factors. Because of these factors Remote Admin does not allow a workstation (PC or MAC) to add, or alter volumes or Volume Paths' on the PC Server. The full capability to Alter/Add Volume information is accomplished on the PC server through the MLCONFIG Utility.

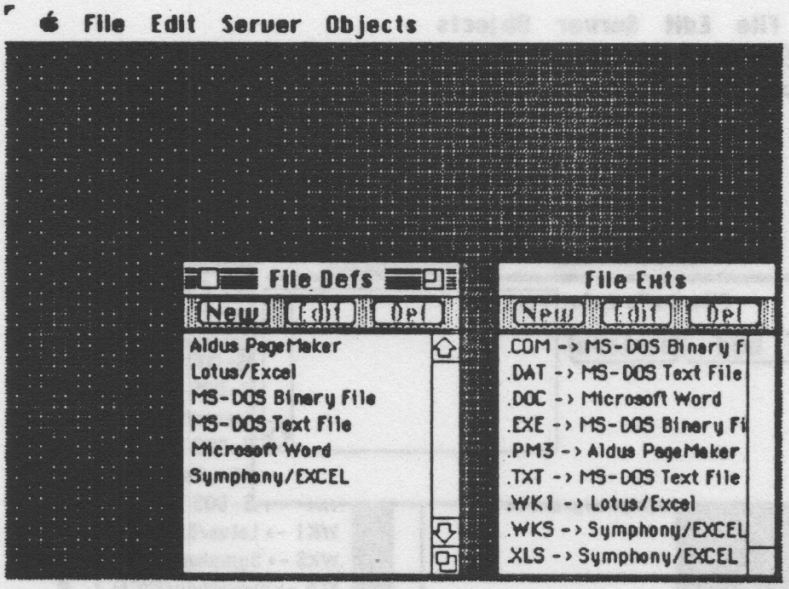
A Volume can be defined to use either:

1) Volume Default Privileges - a defined owner, group and set of privileges.

2) Folder Parent Privileges - the owner, group, and privileges defined for the folder that the new folder is in, known as the folder's parent's privileges.

Note: Be sure to map out the best folder privilege scheme for your particular system needs. All rights to all folders is a convenient way to begin but offers virtually no security for your data files. We suggest you print out a directory listing on your PC Server including all sub-directories and decide on the best approach to organize your folder security design. Miramar recommends an area for Macintosh user files and common volume for data sharing.

File Extension Mapping



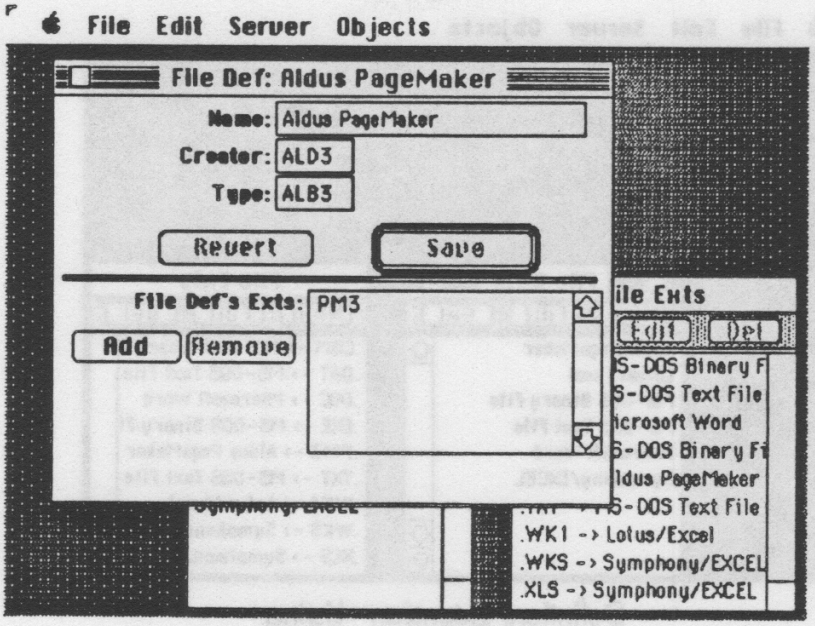
Defintion/Extension Listing

File Definitons - Detailed descriptions of Definitions/Extensions can be found in the manual in Chapter VII.

1. New — Create new File Definition. Miramar includes pre-defined extensions with every version of the Maclan Connect file server software. To create a new file definition you will need to ascertain both the file creator and file type parameters for the software package desired.

2. Edit — Select the desired file definiton to modify by pointing with the mouse and clicking once to highlight the object. A double click will launch the Edit Action Screen where you may make the desired changes. To save the changes click the SAVE button, then exit by closing the box.

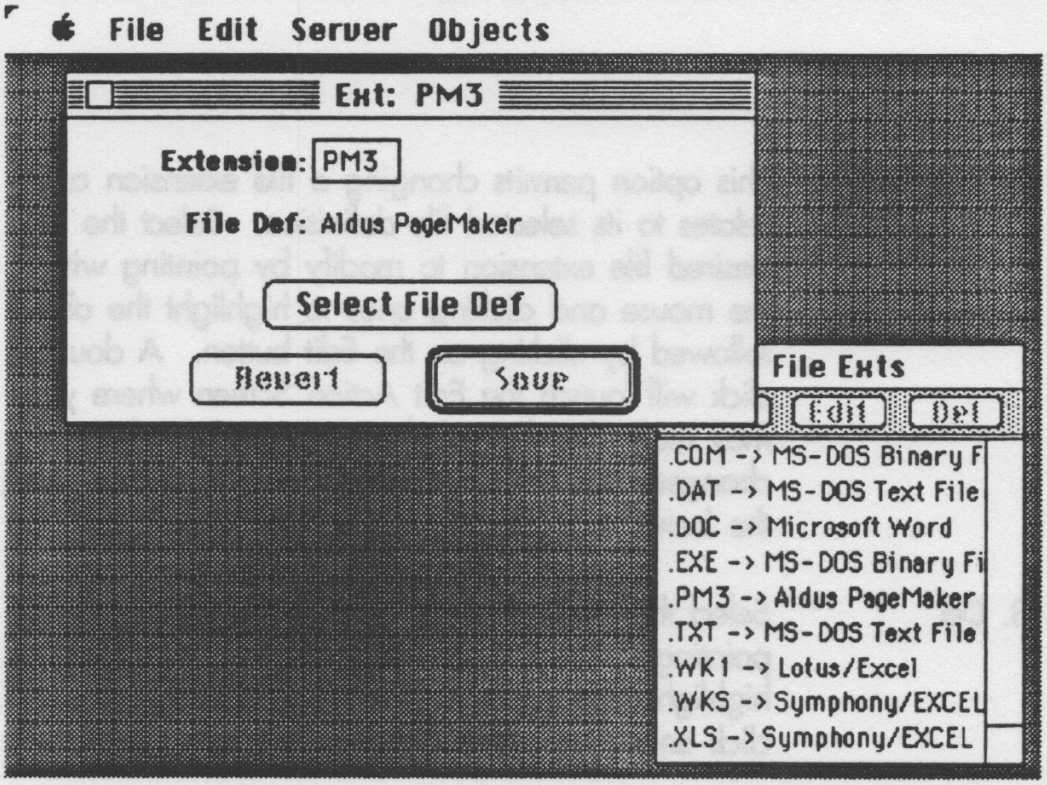
File Extension Mapping



File Definition Action Screen

3. Del — Select the file definiton you wish to delete by pointing with the mouse and clicking once to highlight the object. Select the DEL button and click on it to complete the action.

File Extension Mapping



File Extension Action Screen

File Extensions

1. New — Create new File Extensions to go with an existing file definition. Miramar includes pre-defined extensions with every version of the MACLAN Connect file server software. Included are *".DOC"* for Microsoft Word, *".PUB"* for Aldus PageMaker, *".WK1"* for Lotus, and *".TXT"* for standard MSDOS data files.

File Extension Mapping

2. Edit — This option permits changing a file extension as it relates to its selected file definition. Select the desired file extension to modify by pointing with the mouse and clicking once to highlight the object followed by clicking on the Edit button. A double click will launch the Edit Action Screen where you may make the desired changes. To save the changes click the SAVE button, then exit by closing the box.

3. Del — Select the file extension you wish to delete by pointing with the mouse and clicking once to highlight the object. Select the DEL button and click on it to complete the action.

MENU BAR

The top menu bar has three options.

File Select "Quit" from this pull-down menu to exit Remote Administration

Server Select any one of three (3) options from this pull-down menu.

1. Administer Another Server

   This option logs you out of your current session and permits a new session to take place for another Maclan file server.

2. Start Shutdown

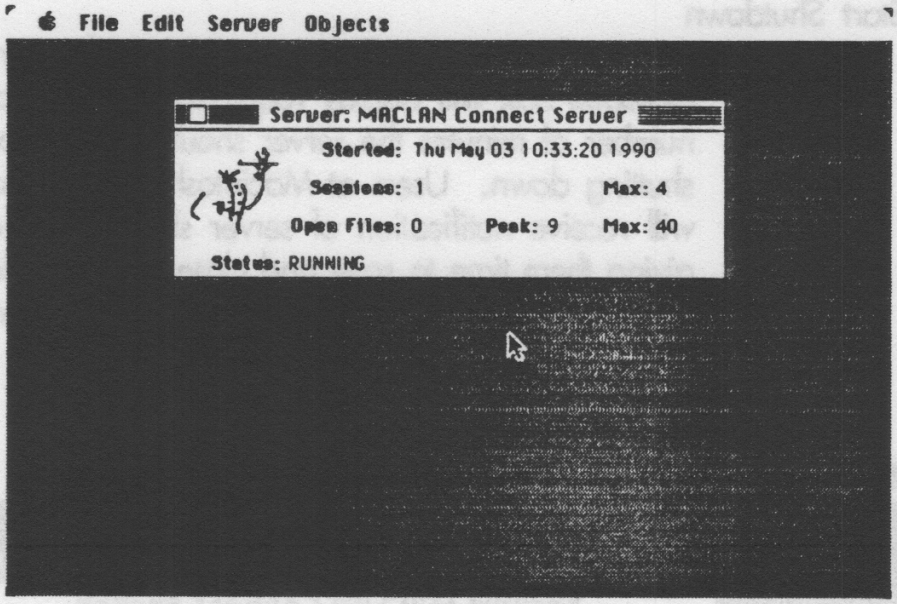
   Initiates the server's shutdown timer mechanism. A dialogue box will display requiring an entry for the number of minutes the server should wait before shutting down. Users at Macintosh work stations will receive notification of server shutdown, thereby giving them time to save and close all open files and programs. If the shutdown timer has been triggered this menu option changes to Cancel Shutdown.

3. Cancel Shutdown

Selecting this option cancels the shutdown timer mechanism and restores the server to normal operation.

4. Show Server Info

Displays current file server status screen of the MACLAN Connect file server selected. This status screen is updated every five (5) seconds. You must have this screen displayed in order to commence a file server shutdown.



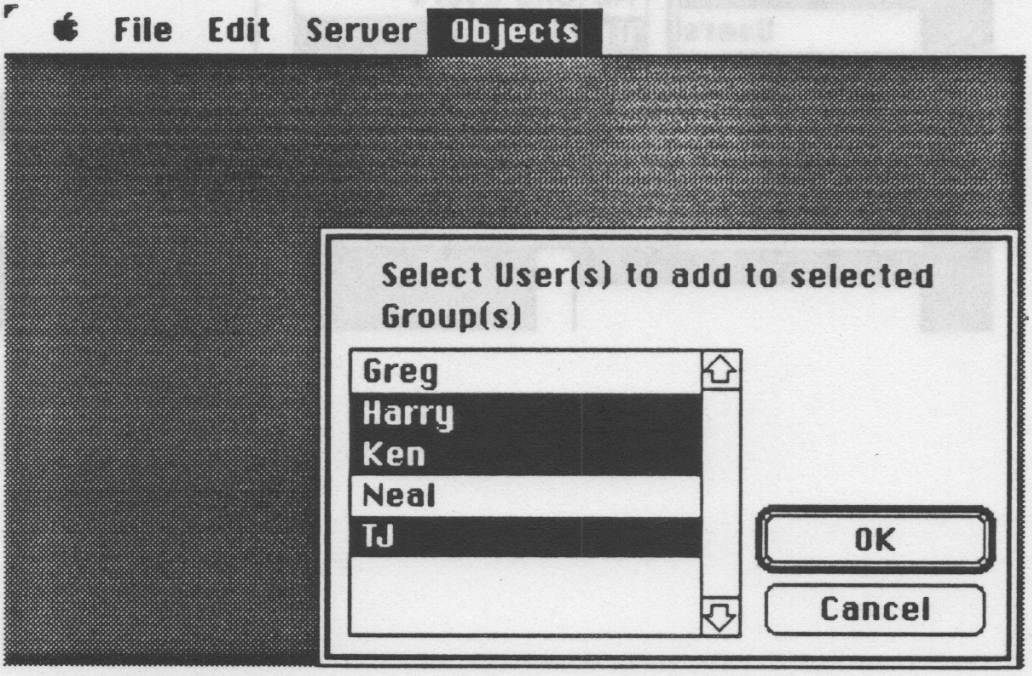
Objects This pull-down Menu selection includes options for listing the various objects relating to MACLAN file server administration. Selecting one of the available items (incl: Users, Groups, Volumes, File Definitions, and File Extensions) displays a dialogue box with complete listings of defined objects for the particular server being administered.

Batch Processes

Remote Admin has the capability of batch processing users and groups. Any number of users may be added in batch to any Group(s) previously defined. Select the following options from the OBJECT pull-down menu:

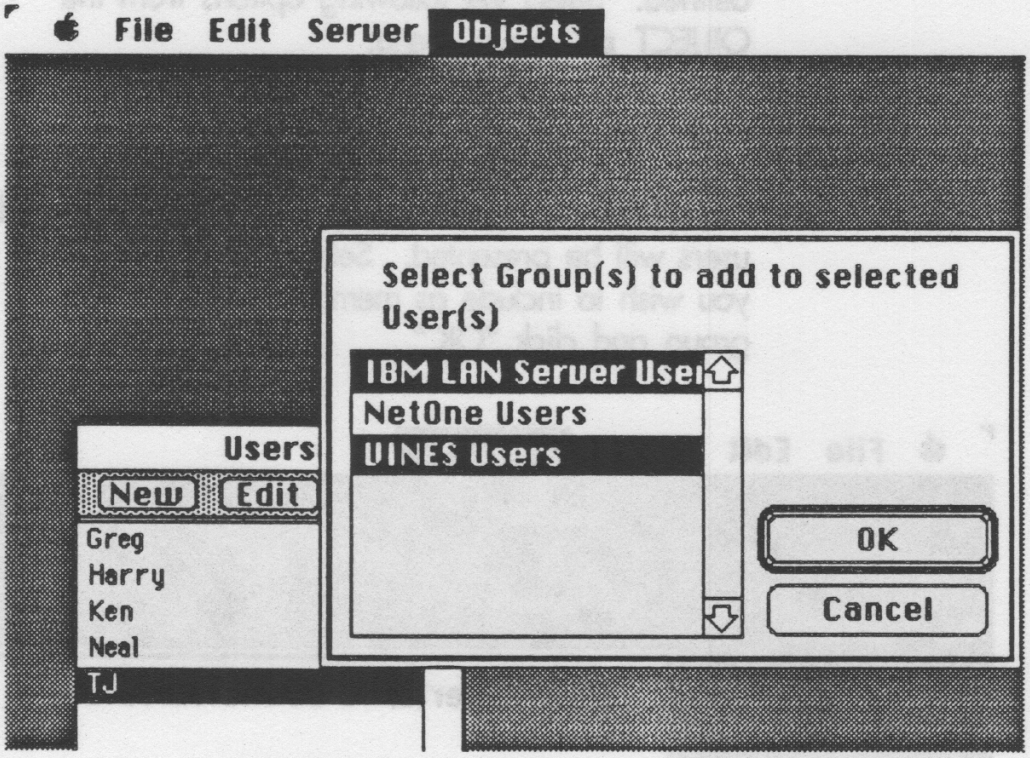
Add Group(s) to User

Highlight a Group from the Group Dialogue Box then pull down this menu option. A list of defined users will be presented. Select the user(s) whom you wish to include as members of the selected group and click "OK."



Add User(s) to Group

Highlight a User from the User Dialogue Box then pull down this menu



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